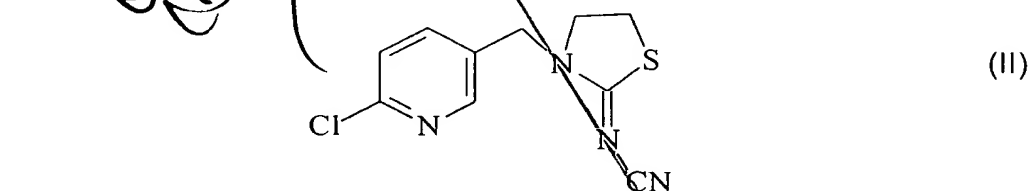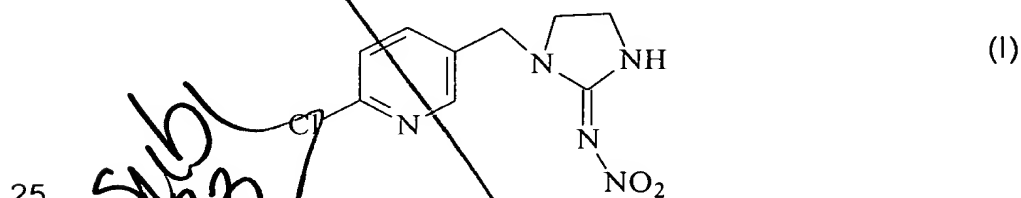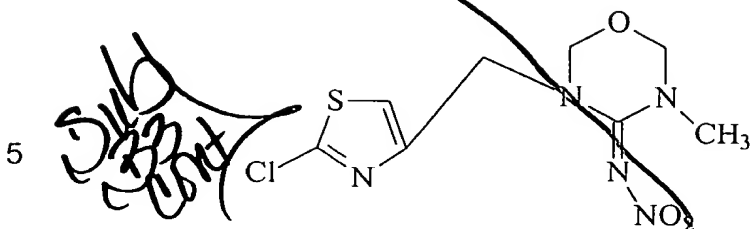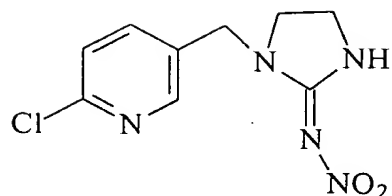WHAT IS CLAIMED IS:

1.   A process for inhibiting the growth of microorganisms in a pesticide suspension, comprising the step of adding a biocide combination of peracetic acid, hydrogen peroxide, and water to the pesticide suspension.

2.   The process of Claim 1 wherein the biocide combination comprises from about 0.05% to about 1.0% by weight of the pesticide suspension.

3.   The process of Claim 1 wherein the biocide combination comprises from about 3.0% to about 7.0% by weight of peracetic acid, from about 19.0% to about 25.0% by weight of hydrogen peroxide, and from about 68% to about 78% by weight of water, wherein the total composition by weight is 100%.

4.   The process of Claim 1 wherein the pesticide is selected from the group consisting of an insecticide, a herbicide, and a fungicide.

5.   The process of Claim 4 wherein the insecticide is selected from the group consisting of chloronicotinyls and chlorothiazoles.

6.   The process of Claim 4 wherein the insecticide is selected from the group consisting of the following general formulas (I), (II) and (III).
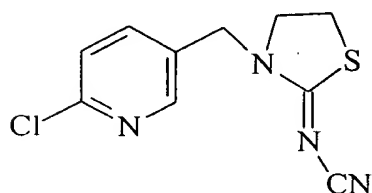

(I)

(II)

(III)

7. The process of Claim 4 wherein the herbicide is metribuzin.

8. The process of Claim 4 wherein the fungicide is tebuconazole.

9. A process for inhibiting the growth of microorganisms in a pesticide suspension, comprising the step of applying a biocide combination of peracetic acid, hydrogen peroxide, and water to a container wherein the pesticide suspension is contained within the container.

10. The process of Claim 9 wherein the biocide combination comprises from about 0.05% to about 1.0% by weight of the pesticide suspension.

11. The process of Claim 9 wherein the biocide combination comprises from about 3.0% to about 7.0% by weight of peracetic acid, from about 19.0% to about 25.0% by weight of hydrogen peroxide, and from about 68% to about 78% by weight of water, wherein the total composition by weight is 100%.

12. The process of Claim 9 wherein the pesticide is selected from the group consisting of an insecticide, a herbicide, and a fungicide.

13. The process of Claim 12 wherein the insecticide is selected from the group consisting of chloronicotinyls and chlorothiazoles.

14. The process of Claim 12 wherein the insecticide is selected from the group consisting of the following general formulas (I), (II), and (III).
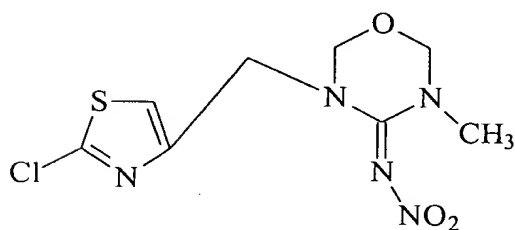
(I)

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(II)

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(III)

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15. The process of Claim 12 wherein the herbicide is metribuzin.

20 16. The process of Claim 12 wherein the fungicide is tebuconazole.

17. A process for inhibiting the growth of microorganisms in a pesticide suspension, comprising the step of applying a biocide combination of peracetic acid, hydrogen peroxide, and water to a surface

25 wherein the pesticide suspension is in contact with the surface.

18. The process of Claim 17 wherein the biocide combination comprises from about 0.05% to about 1.0% by weight of the pesticide suspension.

19. The process of Claim 17 wherein the biocide combination

30 comprises from about 3.0% to about 7.0% by weight of peracetic acid,
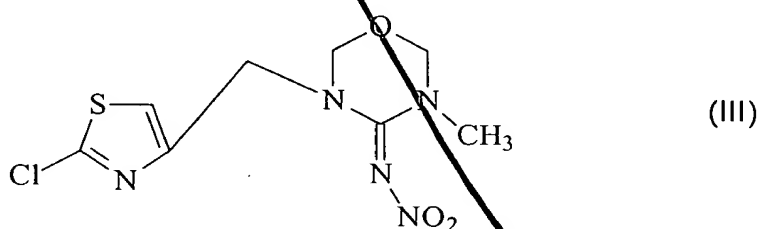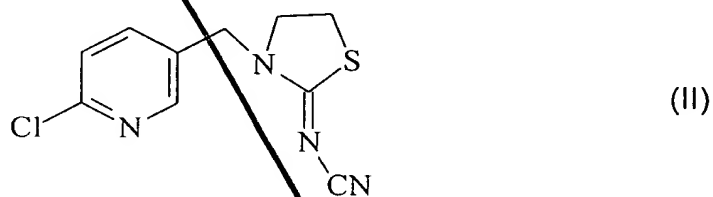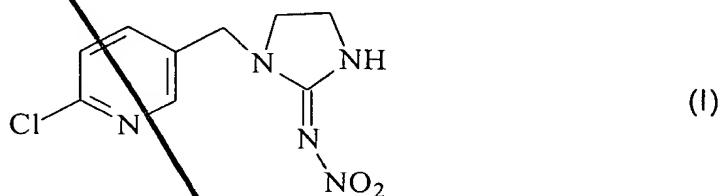
from about 19.0% to about 25.0% by weight of hydrogen peroxide, and from about 68% to about 78% by weight of water, wherein the total composition by weight is 100%.

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20.   The process of Claim 17 wherein the pesticide is selected from the group consisting of an insecticide, a herbicide, and a fungicide.

21.   The process of Claim 20 wherein the insecticide is selected from the group consisting of chloronicotinyls and chlorothiazoles.

22.   The process of Claim 20 wherein the insecticide is selected from the group consisting of the following general formulas (I), (II) and (III).

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(I)

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(II)

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(III)

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23.   The process of Claim 20 wherein the herbicide is metribuzin.

24.   The process of Claim 20 wherein the fungicide is tebuconazole.